



08 Oct 1923

## The Missouri Miner, October 08, 1923

Follow this and additional works at: [https://scholarsmine.mst.edu/missouri\\_miner](https://scholarsmine.mst.edu/missouri_miner)

These newspapers reflect the attitudes, perspectives, and beliefs of different times. Neither the library nor the university endorses the views expressed in these collections, some of which contain images and language which may be offensive to some readers.

---

### Recommended Citation

"The Missouri Miner, October 08, 1923" (1923). *The Missouri Miner Newspaper*. 293.  
[https://scholarsmine.mst.edu/missouri\\_miner/293](https://scholarsmine.mst.edu/missouri_miner/293)

This Newspaper is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in The Missouri Miner Newspaper by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact [scholarsmine@mst.edu](mailto:scholarsmine@mst.edu).

# THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Vol. 10, No. 7.

Monday, October 8, 1923.

Price, 8 Cents.

## Miners 0, Washington U. 7

### ALUMNI MEETING AT CHICAGO.

The alumni and former students living in and around Chicago held a dinner meeting at University Club Michigan and Monroe, at 7:00 P. M., Saturday, October 6th. Considering the short notice, less than twenty-four hours in most cases, and conflicting dates and the magnificent distances of Chicago and suburbs, the attendance was good. The spirit and loyalty were all that could be desired. The following were present:

Terrell, A. D., '98, '99—General Manager Mineral Point Zinc Co., and President of the Association.

Dean, George R., '90, '91—Secretary-Treasurer of the Association, Professor of Mathematics M. S. M., Rolla, Mo.

Gregg, J. L., '23—Metallurgical Inspector Illinois Steel Co., Gary, Ind.

Webster, V. H., '23—Metallurgist Illinois Steel Co., Gary, Ind.

Garcia, John A., '00, '03—Allen & Garcia Co., Chicago.

Green, A. E.—Real Estate, E. E. Takken Co., Chicago.

Walker, J. F., '11—Anaconda Lead Products Co., East Chicago, Ind.

Bower, C. W.—Grasselli Chemical Co., East Side End Plant, Chicago.

Porth, H. W. L., '11—Master Car Builder, Swift & Co., Chicago.

Clark, H. H., '15—Consulting Engineer, People's Gas Bldg., Chicago.

Johnson, G. E., '16—Anaconda Lead Products Co., East Chicago, Ind.

Keeves, J. M., '23—Metallurgical Inspector, Illinois Steel Co., Gary, Ind.

Teller, W. K., '22—The Columbus Laboratories, Chicago.

Kaplan, A. Lew, '15—Goldsmith Brothers, Chicago.

Gold, Chas. B., '16—R. W. Hunt & Co., Insurance Exchange Bldg., Chicago.

Rohloff, J. H., '21, '22—Western

### MINERS LEAVE ON

#### TWO GAME TRIP.

The Miners will leave Thursday on the first lap of their two-game trip, which will take them both north and south of the Mason-Dixon line. The first stop will be at Des Moines, Iowa, where they will encounter the strong Drake eleven on October 13. Drake has suffered but one defeat in two years, and that at the hands of the powerful Nebraska eleven two years ago. Last year Drake shared honors with Nebraska as champions of the Missouri Valley, both teams going through the season undefeated.

This game is undoubtedly the hardest on the Miners schedule, and a victory will go a long way toward increasing our prestige in middle west football circles.

After the Drake game the Miners will journey to Dallas, Texas, where they will meet the Southern Methodist University October 16. As this is the first time the Miners have met S. M. U., little is known as to the comparative strength of the two teams.

There are many members of the M. S. M. Alumni Association in and around Dallas, so that this game will afford the old grads an excellent opportunity of seeing the Miners in action.

To reduce to a minimum the ill-effects which usually accompany a long journey, the Miners will travel in a special car, which will take them direct to Des Moines, thence to Dallas and return.

### MINERS TO MEET OKLAHOMA SCHOOL OF MINES HERE.

A recent addition to the Miners schedule is the Oklahoma School of Mines, who will play here November 9. This is welcome news, as it will add to the schedule another home

### IT WAS A VICTORY ANYWAY

Outplaying their opponents during the first three-quarters only to have their goal line crossed in the last few minutes of play was the fate that befell the Miners in their annual game with Washington University last Saturday at Francis Field. Washington obtained possession of the ball on the Miners' 25-yard line after Gabler had punted out from behind his own goal line, and from there the Bears carried it over on successive plays.

The game was hard fought from the opening whistle, with the Miners having a slight advantage, both in the number of first downs made, and the number of passes completed. Several times the Miners threatened Washington's goal, only to lose the ball when a score seemed inevitable.

In the fourth quarter the Miners seemed to lose the fight which they possessed in the first three quarters. A number of penalties in the final quarter seemed to dishearten the team, and made them an easy target for the Bears. Fisher carried the ball around end for 30 yards to within striking distance of Washington's goal, only to be recalled and have a penalty inflicted upon the Miners.

To pick out the individual star for the Miners would be a difficult task, to pick out eleven stars would be much easier. They played like a well-oiled machine, and they fought like we had hoped they would.

Too much credit cannot be given to Zoller for the able manner in which he stepped in and filled Arra's place, with but a day's notice.

Nolen directed the team at quarter like a real general. He mixed the plays in such a way that Washington at times seemed bewildered. The entire backfield played almost without a flaw. They hit the line and circled the ends for substantial gains.

To the ends belong the credit for

Continued on Page Three.

Continued on Page Three.

breaking up Washington's end runs. Time and again they would break up the interference, and nail the runner almost before he had started. What was undoubtedly the most spectacular catch of a forward pass ever seen on Francis Field was made by Kemper, when in the second quarter he leaped into the air, and with one hand grabbed a forward pass from Nolen for a 15-yard gain.

The line at times seemed almost impregnable, which is shown by the fact that the Bears made but four first downs during the entire game. They charged hard and low, and they opened up large holes for the back-field men. K. Commack showed up especially well on the defensive. He broke through Washington's line with ease, and often nailed the runner for a loss.

The absence of Arra, who was injured in scrimmage Thursday night, was sorely felt. His weight and ability could have been put to good advantage in stopping Washington's center rushes, especially in the last quarter.

Neither out-played nor out-fought, the Miners went down in defeat.

#### PLAY BY PLAY.

##### First Quarter.

Washington kicked off to Tucker, who returned the ball five yards. Tucker failed at the line, and Ledford made 7 yards off tackle. Gabler punted 40 yards, the receiver being downed in his tracks. Washington fumbled on the first play, and the Miners recovered. Fisher made 5 yards off tackle, and Tucker made 2 yards more thru the same place. Nolen and Kemper completed a pass, but the Miners were penalized 15 yards for holding.

A pass, Nolen to Tucker, netted 3 yards, but the Miners lost 15 yards on the next play. Washington's ball. Claypool made 2 yards around the end, and Lyle duplicated the play for 7 yards more.

Weber hit the line for 3 yards, and Lyle added another yard. Tucker stopped Lyle for no gain, and a forward pass was incomplete. Miners penalized 5 yards for offside. Lyle made 9 yards on two plays. Walsh failed at piercing the line, and Kemper stopped Claypool on an attempted end runs. Washington penalized 15 yards. Weber lost 2 yards, and Neil threw Claypool for 20 yards' loss on attemptd foreward pass..

Washington kicked out of bounds at 35-yard line. Tucker hit the line for 6 yards, and, Gabler punetd. Washington penalized 15 yards. Washington kicked, and Ledford re-

turned 10 yards. Ledford and Tucker made 5 and 2 yards respectiely thru the line. Kemper made 30 yards on an end run. Miners on Washington's 22-yard line and first down. Washington time out.

Tucker made 10 yards on two tries. Fisher fumbled on the next play, and Washington recovered. Washington kicked to the 50-yard line. Fisher made 3 yards thru the line.

##### Second Quarter.

Ledford lost 1 yard, and Tucker hit the line for 5 yards. A pass, Nolen to Player, gave the Miners first down. Miners penalized 5 yards, off-side. Kemper made a spectacular catch of a pass from Nolen for 15 yard gain. A pass, Nolen to Player, was incomplete, and Tucker failed at hitting the line. Miners time out. Ledford made 5 yards thru center, and Nolen added 5 more. Tucker recovered a bad pass from center on Washington's 20-yard line.

Two passes,, Nolen to Kemper, and Nolen to Player, were incomplete, and the ball went to Washington. K. Commack stopped Lyle for a 2-yard gain. Washington time out. Levy kicked, and Ledford recovered. Tucker failed on an end run, but made 5 yards on the next play. Ledford made 4 yards, and Gabler punted over the goal line. Washington's ball on their own 20-yard line. Levy kicked, and Ledford returned it to the 57-yard line. Ledford made 3 yards off tackle and Tucker added 4 more. Nolen failed to gain thru the line. Gabler punted, and K. Commack tackled Lyle on Washington's 27-yard line. Heinrich substituted for R. Commack. Lyle failed thru the line but Weber made first down. Walsh made 7 yards on two tries. Miners penalized 5 yards for off-sides. Walsh fumbled but recovered on 55 yard line. Washington penalized 5 yards for off-sides. Lyle made 4 yards thru the line and Weber made 5 yards on end run. Nolan intercepted a pass and returned it 5 yards. Tucker made 2 yards and Washington penalized 5 yards offside. Miners ball on 50 yard line. Ledford failed to gain and Gabler kicked. Kemper tackled Walsh who recovered punt. Claypool thru guard for 5 yards. Kemp er threw Lyle for 2 yards. Weshington kicked and Ledford recovered. Tucker made 3 yards thru center. The half ended with the ball in the Miners possession on the 50 yard line.

##### Third Quarter.

R. Commack back at tackle. Wash-

Continued on Page Thirteen.

#### PROGRAM

## Rolla's Theatre

TUESDAY & WEDNESDAY

October 9th and 10th

THEODORE ROBERTS

in

GRUMPY

A Paramount Sure-fire Hit

THURSDAY, OCT. 11th

ANITA STEWART

in

ROSE OF THE SEA

A first National Attraction DeLux. Also an Educational Comedy.

FRIDAY, OCT. 12th

KATE DOUGLAS WIGGANS

in

TIMOTHY'S QUEST

Companion picture of "Rebecca of Sunnybrook Farm" Throbs With Interest, Blends with Smile.

SATURDAY, OCT. 13th

THE UNFOLDMENT

A Pathe: Special. Animal Travelogue and Pathe Comedy.

SUNDAY AND MONDAY,

October 14 and 15

THE BIG PICTURE OF THE SEASON

HOLLYWOOD

100 Stars! You know them all.

PATHE NEWS and

AESOP'S FABLES.

TUESDAY & WEDNESDAY,

October 16 and 17

3-ACTS OF VAUDEVILLE AND

MAE MURRAY

in

PEACOCK ALLEY

ANNOUNCING THE OPENING OF A NEW DEPARTMENT TO THE  
**GEM CANDY SHOP, OCTOBER 13, 1923**  
**SANDWICHES SERVED FREE THE OPENING DAY**

A complete Delectatessan and Tea Room. We will have at all times a most complete assortment of table delectacies, including fancy salads, cheese, fresh potato chips, specially cooked meats.

We will serve hot and cold lunches, hot drinks of all kinds. We also have a catering department which will be equipped to serve your party at any time.

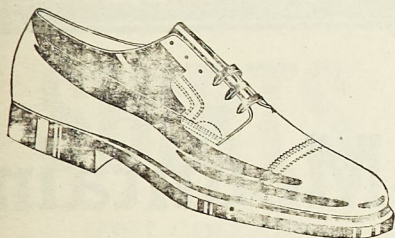
**SERVICE UNEXCELLED**

**QUALITY SUPREME.**

No money has been spared to make this a most complete tea room.

**A PLACE OF REFINEMENT—THE GEM CANDY SHOP, —712 Pine Street. Phone 259**

FRED A. DOSS, Manager.



**BOSTONIAN**

WINTER WEIGHT

OXFORDS

**HELLER'S**

**D. J. WALTER, M. D.**



PRACTICE LIMITED TO  
 DISEASES OF  
 EYE, EAR, NOSE AND THROAT  
 EYE GLASSES FITTED

Office Hours 8 to 4, and by appointment.

Phone 513 Rolla, Mo.

LET

**HAROLD**

SHINE YOUR SHOES

AT

**MURRAY'S BARBER SHOP**

Continued from Page One

Electric Co.

Pietsch, P. H., '20—Western Electric Co.

Keeling, W. M., '23—Western Electric Co.

Dean, R. S., '15, '16, '22—Western Electric Co.

Scott, J. Walter, '19—Metallurgist Western Electric Co.

Fairchild, D. H., Mining Engineer, Old Colony Bldg., Chicago.

Knight, S. M., 223 W. Jackson Blvd., Chicago.

Kenney, J. R., '12—Contracting Engineer, Chicago.

McVeety, R. H., '12—Structural Engineer, Chicago.

There are about fifty (50) graduates and former students in Chicago and its suburbs.

President Terrel opened the meeting with remarks concerning the growth and aims of the Association.

George R. Dean traced the history of the Association, the history and development of the Missouri School of Mines, and gave an account of the Wesley Foundation movement, and the work of the Foundation at Rolla.

Short talks full of spirit and loyalty and good ideas were made by A. E. Green, John A. Garcia, C. W. Bower, H. W. L. Porth, J. P. Walker, A. L. Kaplan, D. H. Fairchild, and others.

The consensus of opinion was that the General or International Association should be fostered, and that local clubs when organized should be independent of the General Association.

Steps were taken toward the organization of a Chicago M. S. M. Club, not a local section of the Association.

Continued from Page One.

game.

The Oklahoma Miners come here with the reputation of having cleaned up in the South, but we promise them a warm reception when Miner meets Miner.

**TAU BETA PI NOTICE.**

Tau Beta Pi will announce its pledges and award to the deserving organization the scholarship trophy at Mass Meeting Friday morning, Oct. 12th. It is our desire that the entire student body be present for this important occasion. All corrections to the lists sent out to the various organizations must be turned in to Prof. K. Kershner before Oct. 10. If no radical changes appear the standing of the organizations will remain as follows:

Grubstakers, 77.13.  
 Prospectors, 74.89.  
 Independents, 68.97.  
 Bonanzas, 67.52.  
 Kappa Alpha, 65.60.  
 Pi Kappa Alpha, 65.13.  
 Kappa Sigma, 64.78.  
 Sigma Nu, 61.98.  
 Lambda Chi Alpha, 58.30.

**SUBSCRIBE—Support the Miner.**

**LENOX & HAMMER**

OUR SHOP IS

Sanitary and Modern

Which Enables us to furnish you with the best of

**FRESH MEATS**



## Engineering Levels Mountains

The Pack Train has become a relic of the past, along with the Prairie Schooner. Modern methods of transportation have leveled mountains, brought San Francisco nearer to New York, and widened the markets of all our great industries.

And the engineering brains and energy, that have developed transportation to the prominence it holds in the business of the world today, are no longer employed in improving means of overland travel alone. Street Railways, Elevator Systems, Inter-urban Lines and Improved Shipping Lines—these are some of the accomplishments of engineering in the development of better transportation.

Neither have the builders of such systems been concerned only in the actual hauling of people and materials. A study of the methods of handling passengers and freight at the large terminals has developed the Terminal Engineer, who has greatly improved existing

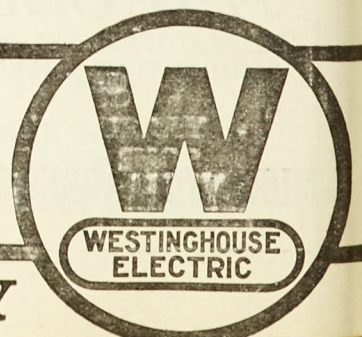
methods, and has developed entirely new ones, as well.

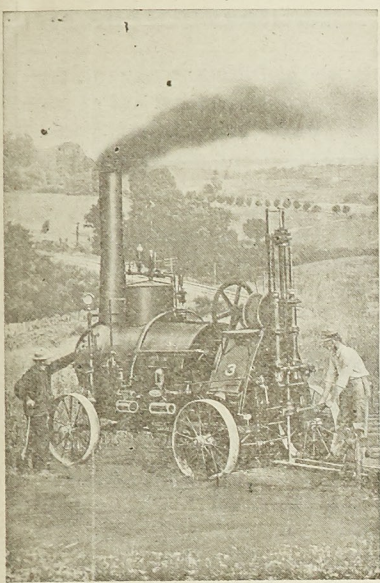
Engineering, as it is applied to transportation, has had to concern itself with many kinds of materials and many ways of handling them under all manner of circumstances. For instance the problems surrounding the handling of iron ore, in bulk, are vastly different from those encountered in moving any one of the finished products manufactured from iron ore, that must also be transported in large quantities. But Engineering constantly meets each situation with improved transportation facilities.

Industry, as a whole, and the nations and the people of the world owe much to the engineers, associated with such large manufacturing industries as Westinghouse. They have not only brought about vast improvements, but they have done so at a constantly decreasing cost to those who derive the greatest benefit from them.

# Westinghouse

## ACHIEVEMENT & OPPORTUNITY



**CORE DRILLING****H. R. Ameling Prospecting Co.**

INCORPORATED

**DIAMOND DRILL CONTRACTORS**Home of State Geologic Survey  
Missouri School of Mines **ROLLA, MO.****20 Years of Continuous Service****NOT A DISSATISFIED CUSTOMER****A FEW OF OUR SATISFIED  
CUSTOMERS**AMERICAN ZINC CO.,  
Mascot, Tenn.HYDRAULIC PRESS BRICK CO.  
St. Louis, Mo.ENGINEERING DEPARTMENT OF  
City of St. Louis.GRASSELLI CHEMICAL CO.  
CLEVELAND, OHIOCENTRAL COAL & COKE CO.  
Kansas City, Mo.EAGLE-PICHER LEAD CO.  
Chicago, Ill.OWL CREEK COAL CO.  
Gebo, Wyoming.MISSOURI COBALT CO.  
Fredericktown, Mo.

U. S. STEEL CORPORATION.

**SHIRTS**

SOFT COLLARS

KEEN

**\$1.00, \$1.35, \$2.00****Schumans****ELECTRIC SHOE SHOP**

QUICK SERVICE

ALL WORK GUARANTEED

**The Honk-A-Tonk****TRY OUR IMPORTED  
SWISS CHEESE**

AND

**SUGAR BAKED HAM**

WITH "RYE"

**NOTICE, CIVIL ENGINEERS.**

There will be a meeting of all Senior and Junior Civil Engineers on Wednesday, October 10, in Norwood Hall, at 7:30 P. M., the purpose of which is to form a local civil engineering society, which will, after organization, petition for a Student Chapter in the American Society of Civil Engineers. All men should be there, as it offers a wonderful opportunity for the students to keep in touch with the leading men of their profession. The professors who belong to the A. S. C. E. are strongly in favor of such organization, and will aid in every way to put the thing over. Here is a chance to show your interest in your chosen profession by being present at this and all meetings thereafter. Let's go, fellows—show the mining gang how we stand.

**PROCEEDINGS OF  
SENIOR COUNCIL.**

The Senior Council held its regular meeting last Thursday night, but there was but very little business to be transacted. The Council wishes to have the election of the student members of the Rollamo Board of Trustees as soon as possible. Two Seniors and two Juniors are to be elected, the Juniors to serve for two years. Petitions will be accepted until Saturday night, Oct. 13, and the election will be held Saturday, Oct. 20. The rules for the nominations of these men will be the same as for officers of the Athletic Association. Each petition must be signed by 15 members of the student body.

**JUNIORS, NOTICE.**

There will be a meeting of the class at Room 106, Norwood Hall, on Thursday, Oct. 11th, at 7:30 P. M.

**DIPHENYL DOZEN MEETS.**

Last Tuesday night Dr. Turner gave a very interesting and timely talk on "A Four Dimensional World." This subject has caused much thought and discussion lately both on and off the campus, so that the meeting was more or less of a clearing house of ideas.

Dr. Turner started his talk by stating that the old Newtonian Theory was inadequate, and also was disproved by "The Electric Theory of Lorentz," the Quantum Theory of Planck, and the Relativity Theory of Einstein, which has just recently been entirely confirmed. After this introduction Dr. Turner gave some actual figures on the size of the universe, which were astounding—so large were they. In concluding his talk Dr. Turner stated that "the universe was finite, but unbounded."

However, the conclusion of Dr. Turner's talk was just the beginning of a very lively discussion, which lasted long after the meeting broke up.

**MINER-JUNIOR****HALLOWE'EN DANCE.**

The annual Miner Hallowe'en Dance will be given this year on October 26th. The Board is going to divide the profits equally with the Junior Class this year. This is an innovation, and should help to swell the St. Pat's fund.

As has been the custom in the past, the dance will be of the masque variety, and will be exceptionally peppy—with St. Louis music, hallowe'en decorations, etc.

This will be a good time to get all "dated up," and step out to a real dance, and at the same time contribute towards a successful St. Pat's.

# GUNS AND AMMUNITION

## OF EVERY DESCRIPTION CARRIED IN STOCK AT The Students' Store ACROSS FROM POST OFFICE

### JUNIORS TO STAGE POOL TOURNAMENT.

On or about the 23rd of October a pool tournament will be run off at the H. & S. parlors. This affair will be a St. Pat's benefit, and should stir up some keen competition and enthusiasm among the "ivory-sphere disturbers" of this vicinity.

Tommy Dunham, the champion "racker" of the town, will arrange the handicaps in such a way as to give each and every contestant an equal opportunity to try for the prizes.

Scheduling will be done by the following committee: "Red" Hopkins, Frank Fink and Tommy Dunham. Numbers will be drawn to determine contestants and the time of conflict will be arranged by the scheduling committee. All games will be 100 point, line rack. They will be played in the evenings unless arranged with the committee for some other time of the day by the contestants.

An entry blank is necessary in order to enter the contest. These blanks will be on sale Oct. 10th, and may be obtained at the pool hall, or from members of the Junior Class, upon payment of the entrance fee of one dollar.

Rules and schedules will be posted

at H. & S. next week.

The following prizes have been donated by the named business men of Rolla:

1st prize: Made-to-order suit of clothes or overcoat, Heller Clothing Co.

2nd Prize: Sweater, Harvey & Smith.

3rd prize: Hat, Harry Witt.

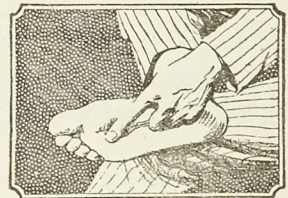
4th prize: Silk Shirt, Asher Bros.

High Run: 1 pair of shoes, Schuman Co.

This is the first time a pool tournament has been staged in Rolla. So let's ALL get behind it, and give it a Real Push!! And remember, the proceeds go to the Junior Class for the St. Pat's fund.

## GUNS AND AMMUNITION

### L. C. SMITH & SON



## End those foot pains

Why endure those foot pains? They are needless—absolutely needless! For you can get relief easily, quickly through the use of

**Dr. Scholl's**  
*Foot Comfort Appliances*

We have them here at the store—just the kind to fit your particular form of foot trouble, whether it be weakened arches, flat foot, unsteady ankles, tender soles, painful corns, callouses, or bunions.

*Drop in today when  
you're downtown*

**STERLING M. SMITH**

The Store Where Style and Quality  
Cost Less

## THE MISSOURI MINER.

A weekly paper published by the Students, in the interest of the Alumni, Students and Faculty of the Missouri School of Mines and Metallurgy, Rolla, Mo.

The Official Publication of the  
M. S. M. Alumni Association.

Entered as second class matter April 2, 1915, at the Post Office at Rolla, Missouri, under the Act of March 3, 1879.

## STAFF.

F. C. Schneeberger.....Editor  
D. R. Baker.....Assistant Editor  
Len Williams.....Assistant Editor  
J. H. Reid.....Alumni Editor  
E. J. Gorman.....Athletic Editor  
J. C. Clearman.....Vocative Editor  
**Business Management.**  
C. G. Cunningham.....Business Manager  
K. A. Ellison.....Advertising Manager  
M. F. Zogg.....Asst. Adv. Manager  
F. J. Underwood.....Circulation Mgr.  
M. E. McLean.....Asst. Circ. Mgr.  
M. W. McLean.....Asst. Circ. Mgr.

## Issued Every Monday.

Subscription price: Domestic,  
\$1.50 per year; Foreign, \$2.00. Single  
Copy, 8 cents.

## READ YOUR OWN MINER.

At the present a little less than fifty per cent of the members of the student body are subscribing for the Miner, yet nearly one hundred per cent of the members of the student body are getting the news published by the Miner. There's a leak some place—there's the business of reading over the other fellow's shoulder going on—and that's a bad business. Especially bad, when the official student publication is suffering by that kind of business.

We're a worthy campus activity— if you don't believe that we are, look us up in the green "Student Regulations" pamphlet.

We are making a bid for your support—the more support we get, the better the publication will be. If you are not a subscriber, here is a chance for you to improve something at M. S. M.

Don't let a dollar and a half keep you out of that class of LOYAL students who are boosting and plugging ahead for M. S. M.

Leave your subscriptions with any member of the Miner Board, or with "Doc" Armsby in the Registrar's office.

## ALUMNI.

The Miner is in receipt of a letter from L. B. Benton, '19, Division Geologist for the Humble Oil Co., at Ardmore, Okla. Mr. Benton states that through the Dallas papers a number of old Miners in that vicinity have learned of the game in which the Miners will meet the S. M. U. "Mustangs" at Dallas on Oct. 16, which is Dallas Day at the State Fair. He writes that S. M. U. has a strong team, and that the Miners are expected to send a strong eleven to Dallas. Mr. Benton assures us that all of the alumni in Dallas and vicinity will be there rooting for the Miners.

That's what we call the real Miner spirit. With the team we have this year, and such spirit, the Miners should show the Texans a few things.

Rowe F. McCrae, M. S. M. '09, who has been assistant superintendent of the Nevada Consolidated Copper Co., at McGill, Nevada, has been transferred as Assistant Superintendent of the Arthur Mill at Garfield, Utah.

## Young Art Eulich, '48.

News has just been received in Rolla that a boy has been born to Mr. and Mrs. A. V. Eulich in the Belgian Congo, South Africa.

The Miner joins the Eulich's many friends in extending congratulations.

## RAINCOATS, RAINCOATS.

Fellows have you woke up to the fact that I can give you the best values in raincoats and a larger choice in styles than you find in the average store in the city. I get them direct from the New York City manufacturers and your coat is here in a week after you order it. Come and see and be convinced.

## DAN JETT

"The man with the little red bag,"

HOTEL  
BALTIMORE

## METAMORPHOSED

Why feel like you have been Metamorphosed from a human being to an iceberg these cool mornings when a pair of Army Trousers, and a sweater, or a sheep lined coat will keep you as warm and snug as a bug in a rug.

## LOOK OVER OUR

## SWEATERS AND

## SHEEP LINED COATS

Asher Bros.

WE GIVE EAGLE STAMPS

The Honk-A-Tonk

TRY OUR IMPORTED  
SWISS CHEESE

AND

SUGAR BAKED HAM

WITH "RYE"

**BUREAU OF MINES NOTES.**

The metallurgical industries of the United States, exclusive of iron blast furnaces, employed 44,000 men during 1922, an increase of nearly 18 per cent over 1921, according to statistics gathered by the Department of the Interior through the Bureau of Mines. The volume of work at mills in 1922 showed an increase of 37 per cent over the previous year; the increase at smelters was 9 per cent, while an increase of 69 per cent was shown for construction work, shops, and yards connected with the mills and smelters.

Accidents reported to the Bureau of Mines during the year resulted in the death of 45 men, and in injury to 6,678 men. The fatality rate per thousand men employed was 6.98, based upon a standard of 300 work days per man, and the injury rate was 145.15.

The total amount of work done by all employees was equivalent to 13,802,318 man-days, which represents an increase of 30 per cent over the previous year. The average number of work days per man in 1922 was 314, an increase of more than 10 per cent.

At mills the number of men employed was 11,676; each man averaged 284 days of work, a total of 3,315,471 shifts being worked by all employees combined. Twelve fatal accidents during the year indicated a rate of 1.09 per thousand employees; non-fatal injuries numbered 1,984, and represented a rate of 179.51.

Men employed at smelters numbered 19,495; they worked 6,266,159 shifts during the year, an average of 321 days per man. Sixteen employees were killed by accidents, indicating a rate of 0.77. The non-fatal accidents numbered 3,002, indicating a rate of 143.71.

The auxiliary plants of the mills and smelters employed 12,829 men. Each man averaged 329 days of work, the total shifts worked by all employees being 4,220,688. Accidents resulted in 17 deaths and injuries, indicating a fatality rate of 1.21, and an injury rate of 120.26.

In the Bureau of Mines classification a non-fatal injury signifies an accident that disables an employee more than one day.

Patronize our Advertisers.

READ YOUR OWN MINER.

SUBSCRIBE—Support the Miner.

**YOUR BANK ACCOUNT**

Need not be large in order to receive our careful attention.

People not engaged in regular business will find a checking account with us a convenience and a safeguard in financial matters.

**ROLLA STATE BANK**

ROLLA, MO.,

## The Wesley Foundation ENGINEERS

FORMERLY THE METHODIST ENGINEERS

OFFER THE FOLLOWING

Celebrated Motion Pictures

**"Down to The Sea in Ships"**

THURSDAY NIGHT, OCT. 11

Prices 35 and 15 Cents

**"The Man Next Door"**

THURSDAY NIGHT, OCT. 18

Prices 25 and 10 Cents

**"Passing of The Third Floor Back"**

THURSDAY NIGHT, OCT. 25

Prices 25 and 10 Cents

**"Penrod and Sam"**

THURSDAY NIGHT, NOV. 1

Prices 35 and 15 Cents

All Pictures Begin at 7:45

**Shown at Methodist Church**

The	{	Harold Thomas, President
Wesley Foundation		Geo. F. Berry, Vice-President
Engineers		Chester J. Peters, Treasurer

# FOR A REAL SUIT OR OVERCOAT

SEE

## HARRY S. WITT

### CLEANING, PRESSING, REPAIRING

Laundry

We Call and Deliver

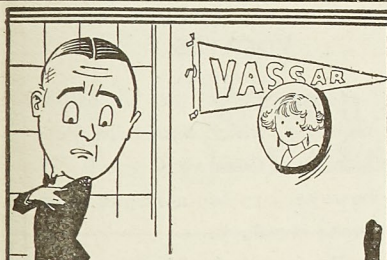
Phone 17

### LONG MOTOR CO.

Authorized

FORD, LINCOLN, FORDSON

Sales and Service



## HORRORS!

Dandruff on those gorgeously tailored shoulders? Quick! get yourself a bottle of "Vaseline" Hair Tonic and stop that before your reputation is ruined. Worse still—have you lost a hair or two from each temple? Remember Uncle John's round and glistening pate, and be forewarned. "Vaseline" Hair Tonic is an invaluable aid in keeping the scalp in perfect condition. At the same time, it gives the niftiest, sleekest look to the head.

At all drug stores and student barber shops.

Every "Vaseline" product is recommended everywhere because of its absolute purity and effectiveness.

# Vaseline

REG. U. S. PAT. OFF.

## HAIR TONIC

**Chesebrough Mfg. Co.**  
(consolidated)

### H-A-S-H.

One enterprising young freshman who attended the W. U. game was heard to inquire whether or not the Chamber of Commerce was hand-painted, or was it one of the every day kind. Some one ventured that he had heard said Chamber of Commerce had no handle, but was unable to state definitely if it had any fancy work painted on it.

"Twenty-five," called out the porter in the Union Station wash room, as he ushered his customer to his particular booth. "Twenty-six," echoed a high and somewhat strained voice from the rear.

A rolling stone gathers no moss, but does acquire a polish. A rolling Ford gathers no moss, either, but loses any polish that might have been on it.

Freshman called C-ed on phone for date. Results:

Co-ed: "I don't care to go out with a baby."

Freshman: "Oh, pardon me; I wasn't aware of the fact that you had one."

Ima Knutt: "Say, stranger, you don't happen to have any cream on you, do you?"

Stranger: "Cream? Why cream?"

Ima Knutt: "Well, you see, I'm a sliced peach, and I want to take a bath."

There was a man lived in Racine  
Found out that he hadn't a bean,  
So he made up some mash,  
Now has plenty of cash.  
It was potent stuff, now what I mean.

Film poster. "What women love,"

featuring Nazty Mova.  
What women don't.

Sign on blacksmith shop. "Five miles to Evansville. If you can't read this sign, inquire within."

Comment by Englishman: "But what if the balmy blighter wasn't in "

It was certainly strange the number of foreigners that were registered at the Marquette from Rolla.

"Yo Ho," she cried, then shook her false extremity aloft and passed out.

"Yes. We have no pajamas," said the dry goods clerk to the pretty young customer.

Lots of jack changed hands among the rollicking crew that took in the game. Seems as tho every one figured that a man that bets is a bad man, but one that doesn't bet is no better.

Several of the boys were heard to inquire Monday morning what the score was.

"I can play in any flat," said the musician.

"Not unless you have the right key," corrected the young flapper.

The town band is looking for some one to play the shoe horn. Guess foot notes are about the only thing that can be coaxed out on one of contraptions.

Sign in a city bakery:  
MA'S BAKERY  
Pop on Ice.

READ YOUR OWN MINER.

SUBSCRIBE—Support the Miner.

## THE SCHOOL OF MINES AND METALLURGY

A Division of the  
UNIVERSITY OF MISSOURI.

The second oldest School of Mines in America, offers seven four-year collegiate curricula leading to Bachelor's Degrees in

### I. Mining Engineering

Options { Metal Mining  
Coal Mining  
Mining Geology  
Petroleum Engineering

### II. Metallurgy

### III. Civil Engineering.

### IV. General Science

### V. Mechanical Engineering.

### VI. Electrical Engineering.

### VII. Chemical Engineering.

Also offers one-year graduate curricula leading to Master's degrees in the branches of engineering named above.

The following degrees are conferred after three to five years of professional work:

Engineer of Mines, Civil Engineer, Metallurgical Engineer, Mechanical Engineer, Electrical Engineer, Chemical Engineer.

Has 800 graduates scattered all over the world holding positions as Engineers, Scientists and Teachers of Science and Engineering. At least 300 non-graduates have reached distinction in their chosen profession.

For information address

THE REGISTRAR, Rolla, Mo.



WHERE DO YOU HAVE YOUR  
EYES R-PAIRED?

DR. ARTHUR LEE CAPPS

Optometrist

## Sands Grocery & Market

FRESH MEATS, GROCERIES, VEGETABLES AND FRUITS

TRY US FOR QUALITY AND SERVICE

Call or Phone Your Order.

Phones 77 and 515

### ROOM FOR RENT.

Suitable for one or two. 1103  
Rolla St., opposite Norwood Hall.

READ YOUR OWN MINER.

### TAYLOR MURRAY'S

BARBER SHOP

NEXT DOOR TO

MERCHANTS & FARMERS BANK

### VOCATES.

The attendance at the Vocational Class meeting, which was held Tuesday, October 2, was very good. We hope, however, to see a larger crowd at the next conclave.

R. O. Brown of the Highway Class and Co-Ordinator Lum left on a business trip to Jefferson City Wednesday, and returned Thursday.

J. O. Evans, of Winchester, Ill., is enrolled in the Highway Class.

Quite a number of Vocational students attended the football game held at Francis Field Saturday.

From present indications there will be "staged" on November 12 one of the best dances ever sponsored by the Vocational Class. We don't wish to be speculative, but we feel that should you fail to be present you will miss one dance that will long be remembered in Rolla. So fellows, get busy and secure the company of your best girl for that evening.

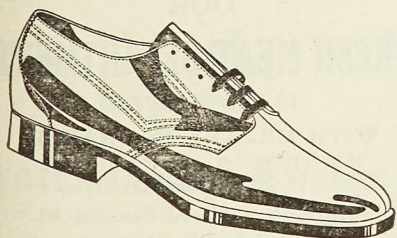
G. E. Sleppy, of the Highway Class, returned Sunday from Williamsville, Kan., where he has worked for the State Highway Commission during the summer months.

SUBSCRIBE—Support the Miner.



"What a difference  
just a few cents make!"

**FATIMA**



**BOSTONIAN**

WINTER WEIGHT

OXFORDS

**HELLER'S**

FOR FIRST CLASS

BARBER WORK

CALL ON  
DUNHAM'S BARBER SHOP

#### ELECTROTHERMIC ZINC SMELTING.

Conditions being equal, the electrothermic process for the smelting of zinc may be said to have the advantage over the electrolytic process in the items of power, labor, metal recovery cost of roasting, first cost of plant, and in its adaptability to smaller scale operations, according to B. M. O'Hara, associate metallurgist of the Department of the Interior, who has undertaken a study of the electrothermic metallurgy of zinc under a co-operative agreement between the Bureau of Mines and the Missouri school of Mines and Metallurgy. The electrothermic process is superior to the retort process in the items of reduction fuel, labor, metal recovery, ability to treat low-grade and impure ores, cost of roasting, first cost of plant, and cost of retorts and condensers. The electrothermic smelter, states Mr. O'Hara, must be near cheap power, as must also the elec-

trolytic, but as many retort smelters are now some distance from their supply of ore this is no great difficulty. Each of the three processes—retort, electrolytic and electrothermic—has its particular field, and there are undoubtedly places in this country where the electrothermic process could be profitably applied.

#### MINER RAISED \$174.00.

The drive to obtain funds to take the football squad to the Washington U. game resulted in \$174.00 being collected. As this was more than necessary, the Board took the matter up with the Coach and Athletic Association. Coach McCollum had previously spoken of the value of having a Miner representative at the games, so it was decided to use the extra twenty-one dollars to help defray the expenses of the Sport Editor to the Drake game. The Miner hopes this will be satisfactory to all those who contributed.

WE HAVE JUST RECEIVED A NEW LOT OF DANDY 6-INCH ALUMNIUM STRAIGHT EDGES, JUST THE RIGHT SIZE TO CARRY IN YOUR POCKET, WHICH WE ARE GOING TO GIVE AWAY FREE. THERE WILL BE ONE FOR EACH STUDENT WHO CALLS AT

# Faulkner's Drug Store

"IN BUSINESS FOR YOUR HEALTH"

## WE NEED SOME SONGS!!

There has been much talk recently among the student body as to the desirability of having a couple of new songs of the good old school variety. If there is any one in the student body who is capable of writing songs or lyrics, which can be adapted to music, we should like to have him write as many of them as possible, and submit them immediately. Or, if any one has ideas as to how we can stir up some enthusiasm regarding this proposition we would welcome it.

We are not desirous of eliminating our "Mining Engineer" song, but rather to add to our repertoire something inclined towards the Alma Mater variety.

Send suggestions or material to "Spoof" Walker, or the Editor.

## PEP MEETING.

Friday witnessed the duplication of last year's big pep meeting. The student body did not attend classes after nine o'clock. The parade thru Norwood Hall and over the campus is familiar to all who were here last year. In spite of all the noise made at the High School, those students were not excused until eleven o'clock.

At eleven o'clock the big pep meeting began. The lower floor of the auditorium was filled before the High School students arrived. They filled the balcony. Yells and more yells! Grady and Sittel were appointed by Walker, (acting for Senior Council) to help Birchard in leading the cheers Saturday. Several yells were tried. "Pep talks" by Coach McCallum, Prof. Evans, of the High School, Thornberry, and several football men then followed.

READ YOUR OWN MINER.

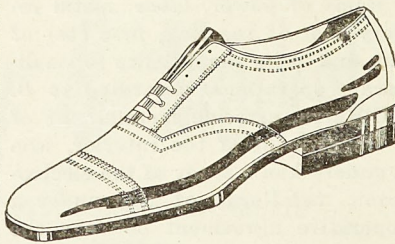
## Student's Cafe

MEALS SERVED FAMILY  
OR CAFE STYLE  
SHORT ORDER SPECIALITY  
FRESH OYSTERS  
MEXICAN CHILI

## MERCHANTS & FARMERS

BANK  
ROLLA, MISSOURI

5 Per Cent Interest Paid on  
Time Deposits



BOSTONIAN

WINTER WEIGHT

OXFORDS

HELLER'S

LET

JOHNNY BROOKS

SHINE YOUR SHOES

THE NEW WAY

DUNHAM'S BARBER SHOP

## SUNSHINE MARKET

PHONE 71

FRESH MEATS  
FRUITS AND  
VEGETABLES  
GROCERIES  
OUR

## FRESH MEAT DEPARTMENT

IS NOW OPEN

WITH MR. ARY IN CHARGE

## SPECIALS

No. 10 Sunkist Sliced Peaches \$1.10

No. 10 Rosedale Sliced Peaches 90c

Both are packed in heavy syrup and a real bargain.

We use the McCaskey System to keep our charge accounts.

## ZIESENIS SHOE SHOP

SHOE SHOP

AND

REPAIR SHOP

113 SEVENTH STREET

# National Bank of Rolla

## Yesterday, Today and Forever

### Harry R. McCaw

FURNITURE,  
RUGS,  
UNDERTAKING  
LICENSED EMBALMING

Telephones:  
Store 276, Residence 171.

### Pirtle

#### WATCHMAKER & JEWELER

ALL WORK PROMPTLY DONE

### FORT AND MARTIN

HARDWARE  
AND  
TIN SHOP

Continued from Page Two.

ington kicked to Tucker, who ran it back 10 yards. Ledford made 1 yard thru center. Washington time out.

Nolan made 4 yards, and Tucker made first down. Fisher made 1 yard and Tucker failed. A pass, Nolen to Kemper, was in complete, and Gabler punted, Commack and Kemper tackling the runner with no gain. Lyle lost 3 yards, and Washington kicked. Tucker made 25 yards, but both teams were off-side. Nolen made 1 yard, and Tucker added 4 more. Gabler kicked. Washington's ball on their own 20-yard line. Campbell substituted for Player. Washington kicked, and Ledford recovered. Miners penalized 15 yards. Tucker lost 4 yards, and Gabler kicked, Walsh recovering. Levy kicked, and Ledford returned 10 yards. Fisher made 4 yards in two attempts, and a pass, Nolen to Kemper, was incomplete. Gabler kicked, and Kemper tackled Walsh after a 10-yard return. Walsh failed to gain, and Levy kicked. Tucker made 1 yard, and Fisher circled the end for 30 yards, but he was called back, and the Miners were penalized 5 yards. Walsh intercepted Miners' pass. A pass, Walsh to Mitchell, was good for 10 yards, but Walsh was thrown for a loss by Zoller on the next play. Lyle made 1 yard, and a pass, Lyle to Groessling, was incomplete. Levy punted to Miners' 10-yard line.

#### Fourth Quarter.

Tucker made 12 yards around end, and Ledford made 3 off tackle. Miners time out. Miners penalized 15 yards for holding. Gabler punted.

Washington penalized 15 yards for holding, and 5 yards on the next play for being off side. Kemper and Tucker stopped Lyle for no gain, and Levy punted over the goal line. Miners' ball on 20-yard line. Fisher fumbled, but recovered on 10-yard line. Ledford made 3 yards, but Tucker fumbled and recovered for 1 yard loss. From behind the goal line Gabler kicked to his own 25-yard line. Floun made 4 yards thru center, and a pass, Claypool to Mitchell, was incomplete. Floun made first down thru center. Washington's ball on the Miners' 14-yard line. A pass was incomplete, and Floun hit the line for 4 yards. A pass, Claypool to Groessling, was good for first down. First down and goal to go. Floun hit the line for 3 yards, and Walsh went over for a touchdown. Levy kicked goal. Fisher received the kick-off, and returned it to the 20-yard line. Ledford made 3 yards, and Washington intercepted a pass. Washington made 5 yards on two attempts, and K. Commack threw Claypool for 2 yards loss. Levy kicked out of bounds at Miners' 20-yard line. Ledford made 5 yards around end. Thomas substituted for Fisher. Thomas made 4 yards thru the line, and Tucker made first down. Ledford made 2 yards, and Nolen lost 5 yards on an attempted pass. Gabler kicked to Washington's 20-yard line. Miners were given the ball in mid-field Washington was holding. Washington was given the ball when Zoller caught a pass, but was ineligible. Floun failed to pierce the line.

#### Lineup:

Mitchell.....	l e.....	Kemper
Albin.....	l t.....	R. Commack
Furrus.....	l g.....	Gabler
Cartwell.....	c.....	Zoller
Well.....	r g.....	K. Commack
Levy.....	r t.....	Neil
Goessling.....	r e.....	Player
Lyle.....	q.....	Nolen
Weber.....	l h.....	Tucker
Walsh.....	r h.....	Fisher
Claypool.....	f b.....	Ledford

#### Score:

Miners .....	0	0	0	0
Washington .....	0	0	0	7

Henry (Kenyon) referee; Haight (Shurtleff) head linesman; Cook (Illinois) umpire. First downs: Miners, 6; Washington, 4; penalties inflicted: Miners, 70 yards Washington, 55 yards.

The records will show Washington U., 7, Miners 0, but to those of us who were at the game the score will have but little meaning. It will soon be forgotten, and in its place will be the memory of a close, hard fought game between the two teams that battled on even terms on Francis Field.

FRESH—JUST RECEIVED

**JOHNSTON'S FINE CANDIES**

AT

**THE MINERS' CO-OP**

SCOTT'S DRUG STORE

**Eaton, Crane and Pike**

STATIONERY

AT

**THE ART SHOP**

GREETING CARDS FOR EVERY OCCASION.

FIRST DOOR SOUTH OF NATIONAL BANK

**MR. STUDENT**

YOU WANT SOMETHING

**CLEANED IN A HURRY?**

GIVE US A TRIAL

WE CALL AND DELIVER

PHONE 188

**E. E. SEASE**

CLEANING, PRESSING AND REPAIRING

"WHAT ARE THE ETHER WAVES SAYING?"

TUNE IN WITH

**RADIO AND RADIO SUPPLIES**

BOUGHT FROM **J. A. SPILMAN**, HARDWARE DEALER

BEST PRICES

EASY TERMS